

JUN 10 1977

DATE: November 9, 1976

TO : *Frank Hingate*

FROM : Joshua Lederberg

SUBJECT: Biographical Data

HUNGATE, FRANK PORTER, b Cheney, Wash. June 6, 18; m 41;
 RADIOBIOLOGY. Educ: Univ Tex, AB, 40; Stanford Univ, PhD(biol), 46. Post Doc
 Instr zool, Univ Nev, 45; asst prof, Reed Col, 46-52; res scientist, Biol Sect, Gen Div
 Co, 52-53; head plant nutrit & microbiol unit, 53-55; mgr radioecol oper, Health
 Labs, 63-65; mgr radioecol sect, 65-66; mgr plant physiol & agr sect, 66-68, STAFF
 SCIENTIST, BIOL DEPT, PAC NORTHWEST LAB, BATTELLE MEM INST, m
 Concurrent Pos: Instr, Univ Calif, Santa Barbara, 48; tech specialist, Int Atomic
 Energy Agency, Greece, 61-62; biol prog chmn, Joint Ctr, Grad Study, Wash, 61
 Mem: AAAS; Genetics Soc Am; Radiation Res Soc; Soc Exp Biol & Med
 Radiation biology; genetics; transmutation effects; biochemical genetics in yeasts
 molds; ion uptake and transport by plants; ecology; metabolism of actinides;
 effects of microwaves; immunosuppression by blood irradiation; mutational effects
 from non-ionizing radiations. Mailing Add: Biol Dept Pac Northwest Lab
 Mem Inst Richland WA 99352

HUNGATE, ROBERT EDWARD, b Cheney, Wash, Mar 2, 06, m 33; c 3, BIOLOGIST

In the drafting of a scientific biography, the published literature offers ample documentation about the subject's accomplishments in the lines of work he had established. In this case, Ed Tatum himself has also recorded a good deal about the intellectual framework of the ideas that he pursued in the laboratory.

There remains the task of identifying the seeming discontinuities: starts and the moves in his professional life: the fields of his interest; the institutions that he joined; the groups that he influenced. Here we must look beyond the scientific literature, to more personal papers and revelations: to identify relevant questions as well as to locate the answers.

Attached is a brief biographic outline and some of the pending questions. That list may well need to be augmented, and your help in that regard, as well as in furnishing new data, would be greatly appreciated.

The genesis of Neurospora.

(The idea that a nutritional block could be a measure of - mutation)

The "course" on comparative biochemistry.

I certainly enjoyed talking to you on the phone; and hope this might be a reminder to dictate your own reminiscence of a historic event.

Is there a chance you have any records or papers from 1940-41?

Sincerely,

John.